Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	22	routing adj protocol adj application	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:26
L4	3404	protocol adj application	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:57
L5	35	protocol adj application with version	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:29
L6	27	5 and ((@ad < "20011210") or (@prad < "20011210") or (@rlad < "20011210"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:55
L7	2	application near version same (routing or forwarding) adj table	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:31
L8	17	application near2 instance same (routing or forwarding) adj table	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:33
L9	1	application with instance near2 (number or value) same (routing or forwarding) adj table	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:34
L11	1	("6643706").URPN.	USPAT	OR	ON	2005/04/13 11:35
L12	2		USPAT	OR	ON	2005/04/13 11:37
L13	13	(re\$start\$3 or recover\$4) near3 (application or software or manager or process) with (protocol) same (forwarding or routing)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:51
L14	94	(increas\$3 or incrementing or add\$3) near3 (process or application) near3 (version or value) with (re\$start\$3 or recover\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:56
L15	0	(increas\$3 or incrementing or add\$3) near3 (process or application) near3 (version or value) with (re\$start\$3 or recover\$3) same routing same network	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:54

L16	0	(increas\$3 or incrementing or add\$3) near3 (process or application) near3 (version or value) with (re\$start\$3 or recover\$3) same routing	US-PGPUB; USPAT; USOCR; EPO;	OR	ON	2005/04/13 11:54
L17	59	14 and ((@ad < "20011210") or (@prad < "20011210") or (@rlad < "20011210"))	DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR;	OR	ON	2005/04/13 11:55
L18	2	(increas\$3 or incrementing or add\$3) near3 (process or application) near3 (version or value) same (re\$start\$3 or recover\$3)	EPO; DERWENT; IBM_TDB US-PGPUB; USPAT;	OR	ON	2005/04/13 11:56
		same network	USOCR; EPO; DERWENT; IBM_TDB			
L19	2	protocol adj application same (updat\$3) near3 (forward\$3 or routing) adj table	US-PGPUB; USPAT; USOCR; EPO; DERWENT;	OR	ON	2005/04/13 11:58
L20	1	application near2 (value or version or id or identifier or identification) same (updat\$3) near3 (forward\$3 or routing) adj table	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:59
L21	6	(application or program or software or manager or process) near2 (value or version or id or identifier or identification) same (updat\$3) near3 (forward\$3 or routing) adj table	US-PGPUB; USPAT: USOCR; EPO; DERWENT;	OR	ON	2005/04/13 12:05
L22	220	(application or program or software or manager or process) near2 (value or version or id or identifier or identification) and (updat\$3) near3 (forward\$3 or routing) adj table	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:05
L23	8	(application or program or software or manager or process) near2 (value or version or id or identifier or identification) with (re\$start\$3 or recovery) and (updat\$3) near3 (forward\$3 or routing) adj table	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:06
L27	2	("6496510").URPN.	USPAT	OR	ON	2005/04/13 13:43
L28	12	·	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/13 13:44
L31	28	("4703475" "4775987" "5008878" "5260936" "5357632" "5371740" "5379297" "5426645" "5461614" "5465345" "5524007" "5550978" "5568471" "5583868" "5640586" "5651002" "5724348" "5748633" "5748905" "5787430" "5828903" "5854787" "5864535" "5870394" "5872784" "5894477" "5898667" "5950182").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/13 13:49
L32	0	("6769033"):URPN.	USPAT	OR	ON	2005/04/13 13:55
L33	0	("6643269").URPN.	USPAT	OR	ON	2005/04/13 13:59
L34	6	("5218676" "5790546" "5938736" "6018521" "6192051" "6456599").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/13 13:59
L35 L36	0 6	("6876625").URPN.	USPAT	OR OR	ON	2005/04/13 14:23
LOD	D	("5473599" "5687168" "5970502" "5974114" "6230164" "6473408").PN.	US-PGPUB; USPAT; USOCR	UK .	ON	2005/04/13 14:23

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L37	390	(709/242).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 15:11
L38	754	(719/310).CCLS.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 15:11
S56	66	S55 and ((@ad < "20010620") or (@prad < "20010620") or (@rlad < "20010620"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/12 16:25

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2	Small forwarding tables for Mikael Degermark, Andrej Bro October 1997 ACM SIGCOMM ACM SIGCOMM	fast routing lookups odnik, Svante Carlsson, Steph 1 Computer Communication 1 '97 conference on Applica	nen Pink n Review , Proceedings of the	
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Results (page 1): "network processor" +"data forwarding" +"forwarding table"	Page 3
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17 Fast and scalable layer four switching V. Srinivasan, G. Varghese, S. Surl, M. Waldvogel October 1998 ACM SIGCOMM Computer Communication Review, Proceedings of the ACM SIGCOMM '98 conference on Applications, technologies, architectures, and protocols for computer communication, Volume 28 Issue 4 Full text available: pdf(1.76 MB) Additional Information: full citation, abstract, references, citings, index terms	
18 <u>Tracetree: a scalable mechanism to discover multicast tree topologies in the internet</u> Kamil Sarac, Kevin C. Almeroth October 2004 IEEE/ACM Transactions on Networking (TON), Volume 12 Issue 5	
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19 Programming: A sensor network application construction kit (SNACK) Ben Greenstein, Eddie Kohler, Deborah Estrin November 2004 Proceedings of the 2nd international conference on Embedded networked sensor systems Full text available: pdf(214.69 KB) Additional Information: full citation, abstract, references, index terms	
20 Session 3: Wireless MPLS: a new layer 2.5 micro-mobility scheme Kaouthar Sethom, Hossam Afifi, Guy Pujolle October 2004 Proceedings of the second international workshop on Mobility management & wireless access protocols Full text available: pdf(480.36 KB) Additional Information: full citation, abstract, references, index terms	
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CommBench - A Telecommunications Benchmark for Network Processors - Wolf, Franklin (2000) (Correct) (23 citations) - A Telecommunications Benchmark For Network Processors Tilman Wolf And Mark Franklin Departments processing tasks such as routing and data forwarding. III. The Benchmark A desirable property www.arl.wustl.edu/arl/Publications/2000-04/ispass00tw.pdf

Challenges and Opportunities in Broadband and.. - Rabaey.. (2000) (Correct) (2 citations) segment of the semiconductor market. Both **network processors** and wireless chipsets have been attracting perform tasks such as processing the routing **data**, **forwarding** table lookups, access control and functions are required for classification and **forwarding data** blocks to the destination addresses. In bwrc.eecs.berkeley.edu/Research/Pico Radio/docs/Presentations/iccad00.pdf

Network Working Group H. Khosravi, Ed. Request for Comments.. - Status Of This (Correct) forwarding-plane components are ASIC, network-processor, or general-purpose processor-based devices to logically separate the control and data forwarding planes of an IP (IPv4, IPv6, etc. www.tzi.de/~cabo/pdfrfc/rfc3654.txt.pdf

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Internet, focusing on the emerging field of network processors. CS490N -Chapt. 1 2 2003 You Will networking: devices capable of accepting and forwarding data at 10 Gbps (OC-192)CS490N -Chapt. 2 7 www.cse.ogi.edu/~francis/cse506/490N.pdf

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Intel Technology Journal Network Processors Volume 06 Issue 03 Published, August 15, a high-end device that supports 10 Gigabit/sec data forwarding rates and is scalable to much higher rates developer.intel.com/technology/itj/2002/volume06issue03/art05_packetoversonet/vol6iss3_art05.pdf

A Cluster-based, Scalable Edge Router Architecture - Pradhan, Chiueh (Correct)

A Cluster Of Pentium-li Pc's, Lanai 4:x Network Processors, And A 10-Gbits/sec Myrinet Interconnect, link scheduling algorithm and the asynchronous data forwarding mechanism. The clusterspecific www.ecsl.cs.sunysb.edu/~prashant/papers/mug.ps.gz

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